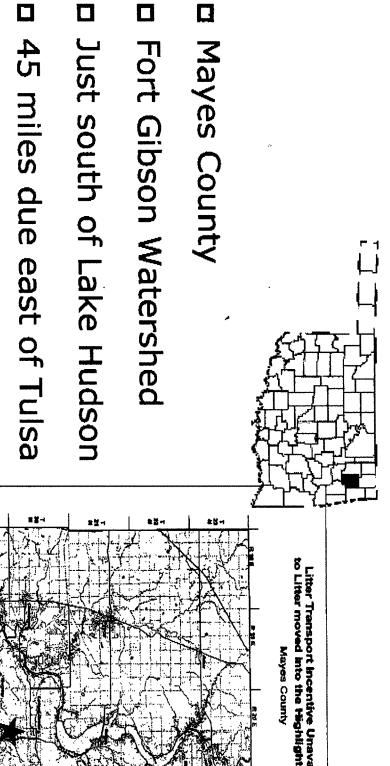
Poultry waste as a possible source of August 2008 *E. coli* outbreak

Locust Grove, Oklahoma Country Cottage Restaurant



Peb, 13, 2009 12:59PM Iulsa World 4055282469

Country Cottage Restaurant, Locust Grove



S. Carlot

□ Aug. 9-10

- Loss of pressure in Locust Grove water supply.
- Country Cottage switches to well water.
- Country Cottage reports that it used the well for at least two hours a day for each of the two days.

Aug. 10-24

- Before Aug. 15 "Probable" or "Suspect" exposures to *E. coli* at Country Cottage Restaurant.
- Aug. 15-24 "laboratory confirmed" exposures to *E. coli* at the restaurant.

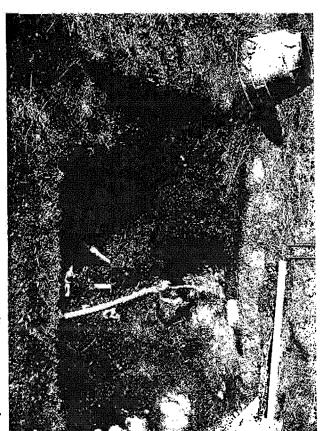


Photo showing plumbing from now disconnected illegal connection between well water and city water. This is how the restaurant switched from city water to well water.

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Aug. 22

 OSDH notes "suspicious cluster of illnesses" around Tulsa area.

Aug. 23

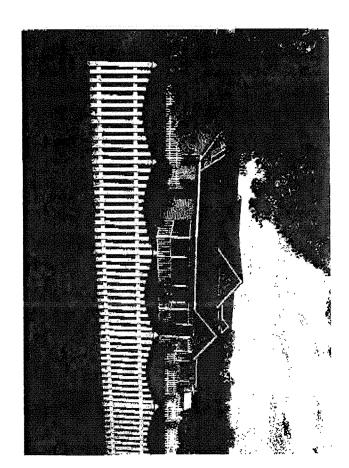
OSDH inspects Country Cottage. Cited for nine violations. Restaurant throws away all food and reopens.

Aug. 24

Chad Ingle of Pryor dies. Ingle ate at CC on Aug. 17.

Aug. 25

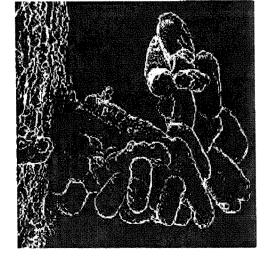
Restaurant voluntarily closes.



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a Aug. 25

- outbreak; confirms Country Cottage as possible source. OSDH confirms one dead and 14 ill in possible E. coli
- goes to inspect water supply. DEQ takes water samples DEQ first learns of outbreak through press accounts and trom well.



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Aug. 28

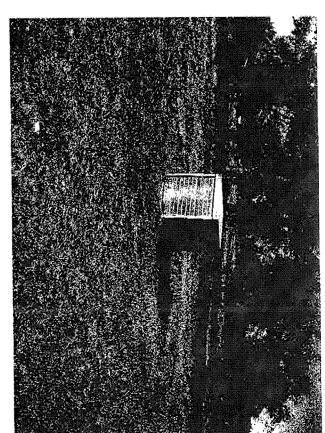
- DEQ completes analysis of water samples from well at Country Cottage.
- Water samples contain E. coli.
- DEQ sends cultures to OSDH.

Aug. 29

DEQ issues press release stating that *E. coli* was found in Country Cottage Well.

Aug. 30

OSDH informs press that results from well do not show virulent strains of *E. coli*. Press reports that the well is not a possible source.



View of Country Cottage well house (behind restaurant) looking west.

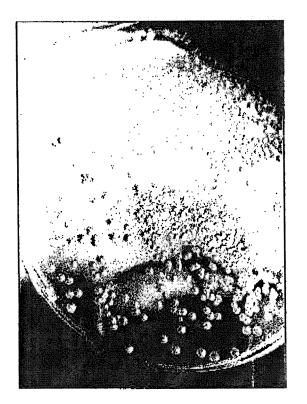
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Sept. 12

- OSDH investigates restaurant again and finds no trace of E. coli.
- Blood from C.C. food handlers reveal no trace of E. coli anti-bodies.

Sept. 16

OSDH states that the outbreak is over; investigation continues.



1:01PM Feb. 13, 2009 Tulsa World 4055282469

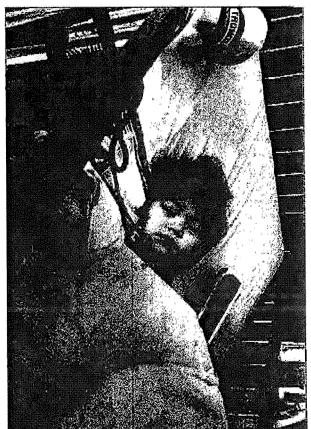
Effects of Outbreak

- Total known cases: 314
- n-patient hospitalizations: 72
- Patients who required dialysis for renal failure: 17

- Deaths: One
- People interviewed: 1,843
- Uictims who ate food provided by Country Cottage in Locust Grove: Every known case
- State and county health workers involved in response and/or inquiry: At least 135

(Source: Oklahoman, Oct. 19, "Examining an Outbreak")

Privileged & Confidential



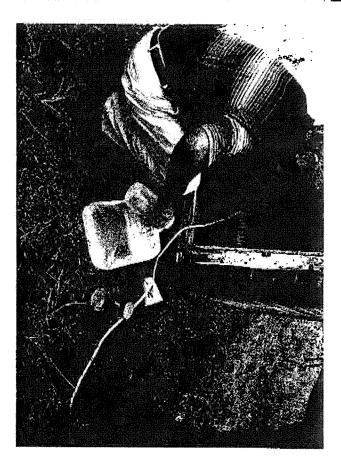
Braylee Beaver, 20 months old, sickened by E. coll O111 after eating at Country Cottage

(Source: USA Today, Oct. 8, "Little-known E. coli strain O111 starts gaining notonety")

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Country Cottage Wel

outbreak of illnesses. The well is a possible source of the E. coli that caused the



E. coli 0111 in the well water. Disease Control. CDC told DEQ that they are looking for the Country Cottage well at the request of the Centers for Rick Austin, DEQ, collects water samples on Nov. 5 from

Privileged & Confidential

- E. coli was not found in the restaurant.
- E. coli was found in the well.
- Country Cottage used the well in food preparation on or about Aug. 9-10.
- possible source OSDH agrees that the well is a
- contaminated water into the the possibility that the well could the well on Nov. 4th and stated that restaurant." have introduced fecally finding *E. coli* in the well "is an CDC requested water samples from nteresting finding and supports

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Case 4:05-cv-00329-GKF-PJC

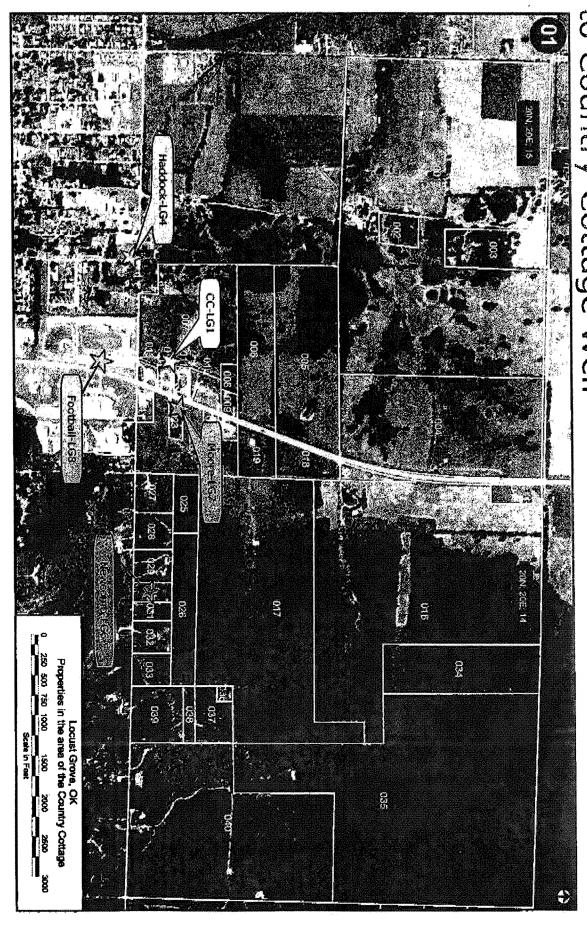
Well Contamination Results

Oct. 8 (LG1)	Sept. 4 (LG1)	Aug. 29	Aug. 27	
8 1)	t. 4 1)	. 29	. 27	102.50
OAG	OAG	DEQ	DEQ	
14	240	> 240	> 200	601360 80138 80138
2	20	34	> 200	
14	20	NT	NT	
N O	18	NT	N T	
Z	NT	"suspect colonies found"	"suspect colonies found"	

NT - not tested, ND - not detected, Results in MPN/100mL

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to Country Cottage Well Bacterial Contamination Not Limited



Bacteria in Local Groundwater

Moore's Residence (LG7)	Sept. 24	DEQ DEQ	613 214	4 9 mm	NT NT	NT NT
Football Field (LG8)	Sept. 24	DEQ	214	ND	4	3
Newcomb Well (LG6)	Oct. 8	OAG	50	30	4	50
Haddock Well (LG4)	Oct. 8	OAG	ND	ND 2	Ą	4
Football Field (LG8)	Nov. 7	OAG	46	ND ND	8	46
NT - not tested, ND - not detected, Results in MPN/100mL	ND - not det	ected, Results	in MPN/100mL			